From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: "Nickels, Bob" <RNickels@P16.IL50.micro.honeywell.com>
Subject: RE: "Mica" caps...
Message-ID: <311F5DDA@mail_gw.micro.honeywell.com>

>Didn't think my mica cap inquiry would spark all the discussion that it did.

While cleaning the shop (!) on Saturday, I ran across one of the bad "mica" (paper) caps that I'd removed from the SP-200.

Thinking about the discussion that had gone on here regarding cap replacement, I decided to perform failure analysis (smacked it open with a ball-peen hammer) and here is what I found:

Mfgr's name: Micamold, Brooklyn NY. (Patent No. 1-million something, I forgot my notes, available on request if anyone wants to research it further)

Size: approx. 1.4" by .75" by .25" thick, axial leads.

ID: three color dots inside an arrow which is molded into the case. Same pattern on reverse side, except no molded letters or color dots. Back side has hot-stamped in white letters "C24". This one was brn-blk-org (10K).

Condition: visible bulging on backside of cap. Electrically shorted.

The internal construction was a flat sandwich of tinfoil and paper, just like the more typical paper condensers of the day. Looking in old catologs, I couldn't find a listing for Micamold but I did notice that Solar and others offered "long life" paper condensors in similar bakelite molded packages. Perhaps it was an improvement over the waxed and other packaging methods...

73 - Bob - KE0T

rnickels@micro.honeywell.com

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: jlyle@netcom.com (Jim Lyle)
Subject: (semi) boatanchor DIGITAL multimeter for sale

Message-ID: <199602121706.JAA20096@netcom20.netcom.com>

I just acquired a Honeywell 'Digitest' Model 333 digital multimeter.
This is an incredible conglomeration of technologies, and I believe
it very neatly represents the transition toward solid state in a number
of ways. It uses nixie tubes for the digital readout, discrete transistors,
and even "op-amp" hybrid modules.

It works, though it's in need of calibration and it needs a new set of
Ni-Cds (type SC I believe).

$20 obo + shipping

Please respond directly to this email
--
Jim Lyle jlyle@netcom.COM

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Subject: 10m Fun on the 14th!
Message-ID: <9602121917.AA00928@avatar.tti.com>

(from rec.radio.amateur.misc)

 Someone asked about 10m...it's a little quiet now with the sunspot cycle
at an 11yr low..but you will hear the various 10m Booster groups, 10-10,
10-10 International and many local rag-chew nets pop up when the sporadic E
kicks up. And dont forget to TRY a few cq's! Nominally, 10m is OPEN to
someplace! The other traffic which happens (unfortunately) on 10m is the
heavy-duty influx of bootleggers, freebanders and jammers floating up from
the CB band. I encourage everyone to consider that the manufacturers would
just *LOVE* to sell those 10&11m rigs to the CBers on a legal basis, and if
we dont start USING 10m more..the FCC might very well consider letting the
CBers have it!!

 Which reminds me, our 10m Net is sponsoring a St. Valentine's Day BOATANCHOR
NITE...here's your chance to drag out that old Johnson, Hammerlund, Collins,
Hallicrafters, Globe, Gonset, Eico, Elmac, Tristar, Swan, Metor or even a
piece of vintage HOMEBREW gear, put it on the air and enjoy it for a change!
.a chance to hear what the rigs of the Past sound like! AM/SSB/CW/FM-PM or
whatever your privs allow. We're hoping for checkins from all over, so please
join us!

 Thats 2/14/96 at 07:10 UTC, 28.310 (plus or minus the QRM!)

 BE THERE!

73! (listen to 28.310 usb at 07:10 UTC everyday for the last/first words on 10m
 it's the "Ten Again - Late Nite/Early Morning RagChew Net" KA6PVR (Paul)
 is Net Control - Bring an attitude and your legal callsign. Jammers and
 bootlegger's auditioned Friday Nites...get on the list! THUNDER OUT OF
 THE WEST!) And Remember:"If you can't stand 'em, you can't work 'em!"

sorgatz@avatar.tti.com (or:es@soldev.tti.com) KB6LUY (private
email:eks@westworld.com)

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: cooper@gmpvt.com (Tom Cooper)
Subject: re: BC474A & BC1306
Message-ID: <199602121355.IAA09486@web.gmpvt.com>

There were LOTS of people interested in these units.
I have not had a chance to talk to my friend with
the 474. When I have more info I let you know.

Regarding my 1306, I haven't had any time to check
it over, either. I saved all the messages received
and will let you know.

73

Tom

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: Joe_Wilkowski@mc.xerox.com (Wilkowski,Joe)
Subject: RE: Buying manuals from the government
Message-ID: <"<D3B11E3181B7677C>D3B11E3181B7677C@X-MC-0819-MS2.XEROX"@-SMF->

I like your TECHNIQUE # 2 and all I need is the TM number for my R-391,
 the TM 11-5820-357-35 (r-390) manual is sitting right here next to me,
 I would absolutely try your method if I had the proper TM number, I
 will scout around to see if I can locate it... Tnx for the info..

/joe k8fc

From: boatanchors@theporch.com
Subject: Buying manuals from the government
From boatanchors@theporch.com Mon Feb 12 13:47:02 1996

From: lkayser@WorldLink.ca (Larry Kayser)
Subject: Clandestine Radios, American
Message-ID: <9602121731.AA22036@beacon.WorldLink.ca>

I need some help again. I have been researching the use of clandestine radios in WW II, and I find that there was an American radio used by the OSS, the SSTR-1 that was used in very signficant quantitites. The numbers used during WW II, including those that got "bent up" during parachute drops, by my count totals nearly 350 units, including those used in training schools in the USA, Europe, Africa, and Asia. These sets are apparently very rare, a good question is how come? I wonder if someone might know were there is a pile of these sets waiting for someone to find them..... I understand that at least one SSR-1 is in amateur hands, but so far no one has seen a complete unit, the SSTR-1.

Another radio, from the same period, is the American made AR-11 radio, which I have mentioned on this list before, these also are seemingly very rare. I have not found only a total of three of them, does anyone know more about this radio? You can see a picture of this radio the the Time Life book, The Secret War, Page 135. My research now suggests that over 200 of these radios were made, who has one in their basement.

For our Australian members, I would like to find out what radios were used by the Coast Watcher service north of Australia during WW II. I have a reference to several different units, and some quantity information, approximately 230 units of one type being made during WW II. Are any of these around?

Sure hoping to hear from some of the group who have information on this.

Larry
va3lk / wa3zia

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: "Integration Area" <integrat@usr.com>
Subject: Re: Components Handbook
Message-ID: <9601128241.AA824146112@robogate.usr.com>

I lied.

After looking over my copy of the *Components Handbook* from the Rad Lab series, I see that it does NOT include a chapter on fixed capacitors (the things of interest). Apparently chapters for these and a few mostly non-important things were in the works, but when the Rad Labs shut down, they were not ready and thus were not included. Why they could not be included in the second edition of the series escapes me.

Even though the omission is a big handicap, the book is still quite a resource.

William Donzelli
integrat@usr.com

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: don merz <71333.144@compuserve.com>
Subject: For Sale
Message-ID: <960212041021_71333.144_DHB48-1@CompuServe.COM>

For Sale, Trade and Information Needed

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com. Offers and trades always welcome.

Ham Gear

Heathkit DX-60 transmitter, 1 small knob wrong, some case scratches but front panel is very good. Untested. $49
Heathkit DX-40 transmitter, 2 small knobs wrong, front panel is excellent, case has 3 scratches on top but is quite nice. $49
Millen 90800 transmitter. 1940's ARRL handbook design with 6L6/807 combination, some paint chips at edges but panel is beautiful. If there ever was a bottom plate then it is missing. All original. One coil set (43012) and manual photocopy included. $99
Astatic JT-30 crystal mic with desk stand, original instruction sheet and bootom half of original box included. Cannot be told from brand new. $89

Literature

1953 ARRL Handbook. Good to very good condition. $22
1947 Editors & Engineers Handbook, very good to excellent condition, 8-1/2" x 11" format. Hardback: $25
Hallicrafters Service Bulletin for the S-41G and S-41W dated 2/46. Original: $9. Copy free for 2-stamp LSASE to address above.
1968 Lafayette catalog. Excellent. $14
RCA RC-14 receiving tube manual, 1940. Top 1" of binding edge is coming loose but this is otherwise very good. $18

Military Gear

BC-348R receiver, electrical mods including 2 unoriginal 3/8" holes in the front panel and homebrew AC supply. Band change knob is wrong and the

whole thing has been oversprayed shiny black. Tested: Audio and BFO okay, but no RF. As-is: $39

BC-455-B SCR274N command set receceiver, aluminum, dyno mounts and dyno plug gone, rear connector changed, but no unoriginal front panel holes: $19

BC-455-B SCR274N command set receceiver, aluminum, no unoriginal holes, but FT-230 is modified and dyno plug pins are bad. Very nice. $25

BC-455-B SCR274N command set receceiver, black, 1942 date, 1 dyno mounts gone, dyno connector and rear connector changed, heavy electrical modifications, no bottom cover. $17

T-19/ARC-5 3 - 4 mc command set transmitter, has electrical mods and unoriginal 3/8" hole in front panel, rear connector changed. $21

Aircraft Radio Corporation R-11A receiver, 190-550 kc, made by Stromberg Carlson, with (original) BNC connector for loop antenna. All original and excellent. Gray wrinkle. $24

BC-458-A 5.3-7mc SCR274N command set receiver, aluminum, all original except one capacitor removed. No top cover. "Tropicalized 4/45." $29

BC-696-A SCR-274N 3 - 4 mc command set transmitter, many haeavy mods including 5 unoriginal front panel holes, case has been polished to the point that it looks like chrome. $16

FT-226A SCR-274N rack for 2 command set transmitters, no shockmount, 2 top connectors on the distribution box are missing as is the back panel of the box. But it has the original TX connectors to mate with the transmitters and the original modulator connector. Black wrinkle paint is in good shape. $65

SCR-274N command set modulator plug, unused: $14

Original command set spline knobs (#6743): $8 each. 2 to sell.

Trade

Hallicrafters PM-23 speaker. Correct match for SX-28 and others. Cabinet paint is very good to excellent but louvers in front of speaker are rusty. Has original Hallicrafters-labeled driver.

Information Needed

Manual or any information on 1936 Hallicrafters SX-10 Ultra-Skyrider receiver covering 5.5 - 79 mc

--

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Freq Meter as VFO
Message-ID: <Pine.ULT.3.91.960211223016.29235C-100000@admin.aurora.edu>

I have been playing with VFO circuits lately, mainly trying to find/build
something suitable for a homebrew BA rig or two. I have seen discussions
that indicate that some folks use BC-221's for VFO's. Well, I drug out
my old Lampkin 105B freq meter and made it into a hetrodyne VFO.

The Lampkin MFM's have been around since the 30's I think. According to some
literature with the manual, it mentions that the BC-221 is a "clone"
of the Lampkin. IMHO the BC-221 is a much better unit in that there is
a whole lot less number crunching to use it. (Of course the Gertsch
is even better since it is direct readout).

Anyway, I wound up with a rock-solid VFO with a 160 meter output.
I key the xtal osc and there is only a very slight chirp as a result
and that should be easy to cure.

Anyone interested in the details, let me know. I have seen these
105's at hamfests pretty cheap.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: Sandy Blaize <70401.134@compuserve.com>
Subject: Looking for 808's
Message-ID: <960212071259_70401.134_IHD54-1@CompuServe.COM>

Looking for two maybe four good or new 808 triodes for a vintage
contruction project. Anybody have any of these out there? Have other stuff to
trade or maybe will buy outright.
What have you?

73,

Sandy W5TVW
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Boat Anchors collected, restored, modified and used!

From boatanchors@theporch.com  Mon Feb 12 13:47:02 1996
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: Looking for Info/Manual to TBM or TBN transmitter
Message-ID: <9602121723.AA109534@csemail.cropsci.ncsu.edu>

I need to find a manual for a Navy TBM or TBN transmitter.  It is a
2-18mhz Westinghouse Electric Co. rig using an 803 as the output tube
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

and rated at 125 watts. It is about 18x18x39 inches size for each
of the transmitter and the power supply. I am trying to get it up
and running for a field day BA station, if possible.

Any pointers or info appreciated.

Bob Keys/NA4G
rdkeys@csemail.cropsci.ncsu.edu

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: Engbert Oord <engbert.oord@jet.uk>
Subject: Marconi Atalanta Shipboard receiver
Message-ID: <9602120912.AA22184@jet.uk>

Good morning from Culham UK, where wet snow is coming down.

Yesterday I obtained a further addition to my modest BA collection.
Something I have as yet not seen mentioned in the BA list.
A Marconi ATALANTA receiver (type 2207C serial #958) switched ownership.
This apparently is a shipboard receiver from I guess the early fifties.
It covers the frequency range 15 kc/s to 28Mc/s in 10 bands. It is a
double superhet with 13 valves (tubes), a mixture of noval 9 pin and
miniature 7 pin valves. Inside there is a horizontally mounted cover
inscribed with the valve positions and types. One valve is drawn in
dotted lines. Obviously indicating an optional item. Sure enough this
position was not occupied. I would like to bring it back to life.
Although it is not modified in any way, this is not going to be
straight forward. It lacks a power supply. I assume it was supplied
by the ships power supply system (110V DC ?). The chassis sports two
rectangular plugs for which I possess the counterparts as they came
with the receiver. However I do not have any information what to supply
to which pin. Nor do I have a circuit diagram. Also at the side of the
receiver near the front panel are three rectangular female plugs.
Any information about this receiver is most welcome, also about
its function aboard a ship.

Greetings
Engbert

Engbert Oord , G7THB
JET Joint European Torus, Culham ,UK
Email : eo@jet.uk or engbert.oord@jet.uk

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: Dave Heil <K8MN@clinet.fi>
Subject: Need Collins 51S-1 & KWM-2A tech help
Message-ID: <199602121910.VAA03224@hauki.clinet.fi>

My KWM-2A has a couple of problems which I 'd like to repair.

1. The s-meter reads correctly for a half hour or so then gradually settles back counter-clockwise and gives little action, even on strong sigs. Any ideas?

2. After 1/2 hour to an hour of use, there is an apparent shift in the passband in relationship to the BFO frequency. The pitch of received signals does not change, rather there is a roll off in treble content. Hints and ideas are welcome.

In need of help for the 51S-1

3. My 51S-1's BFO won't oscillate until the receiver has been on for 10 to 20 minutes. Afterward, all is well for as long as I have the radio on.

Thanks and 73,

Dave Heil OH2/K8MN
Helsinki, Finland
k8mn@clinet.fi

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: "Ray L. Mote" <rmote@rain.org>
Subject: R-392 module extender cables?
Message-ID: <Pine.SUN.3.91.960212074732.4747D-100000@coyote.rain.org>

Got a nice R-392 (Stewart-Warner S/N: 3786M with a "-1" added after the "M", order No. 11653-PH-52 for those chasing contract info) from K6TUY in trade on a TCS in a steel case intended for landing craft. Carrier level okay but super-faint audio on the LS-166, so I guess I've got problems in the audio chain.

Was there a set of module extender cables made for maintenance? If so, how easy are they to find? If not, does anyone have a set of connectors they'd like to sell/swap me so I can make my own? Not having a warehouse full of replacement modules, I have to do my troubleshooting with the darned things hooked up to the rest of the receiver, somehow.

I could also use hints/tips on common R-392 problems, differences in

production, etc. I plan to run the filaments at 25.2VDC, and the plates up in the 35VDC range in an attempt to both extend tube life and avoid playing "match the tube with the circuit" games where Gm really matters.

BTW: I asked Fair Radio & they no longer stock the solid-state audio module to replace the 26A7. Drat!

73.....Ray Mote, W6RIC <rmote@rain.org> ...waiting for my R-392 power plug to arrive from Fair Radio.

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: "Randy Zelick" <RANDY@sbii.sb2.pdx.edu>
Subject: Re: R-392 module extender cables?
Message-ID: <1700571751@sbii.sb2.pdx.edu>

Hi Ray,

I've just spent a bunch of time on two R-392s. I got by without extender cables, since if you disassemble the set enough, there is sufficient slack in the wiring harness (just) to get at the bottom of the lower deck with power on. (Don't loose the little coupler for the bandwidth control shaft!)

I too had low audio output in one unit, although everything worked properly. The recovered audio on a modulated carrier, or with the bfo on, was fine. But there was little hiss under no-signal conditions. The hiss improved slightly when I did a super by-the-book alignment, but was never equal of what I get with other receivers. Of course all the tubes checked OK and I even made stage gain measurements on the I.F. chain which checked out.

As for the solid state modules, these may not be all they are cracked up to be. In an earlier set I owned the ss module oscillated. In another it just sounded bad. In my present set, the same module works well. My advice would be to design a new ss audio driver with a LMxx chip.
All you have to do is get it to be stable with low gain, since the purpose of the output tube is only a current amplifier. By making your own ss stage, you also will get a low-Z output, which is more convenient than the 600 ohms.

The LS-166 could then be used by bypassing the built-in xfmr if you do the conversion, but I
would suggest a higher fidelity speaker. The 392 has really good sound (better than the 390A)
and deserves a good speaker.

Finally, I should say that none of the 392's I played with work well at my QTH because of
distortion products. I went round and round with this problem, and never was really satisfied
that I understand it. Basically, I have many-kHz-wide grunge, more pronounced on some bands
than others. The grunge sounds like noise modulated with the combined audio of two or more
broadcast stations. I haven't been able to pin-point which stations. With the fancy tuned
front end of the 392 I find it remarkable that either AM or FM bcb signals could get in, but
this seems to be what is happening. Others I talk to seem convinced that the poor dynamic
range of the '392 is to blame. With 20-30 volts on the plates, apparently the tubes are barely
in their linear operating range and 3rd order imd is awful. I think the best way to solve the
problem would be to replace the RF amp with a wire, and change the mixer to a passive balanced
mixer design, then make up the gain in the I.F. chain. While probably a straightforward mod
for some folks, this is beyond my engineering ability to get right without a hundred hours of
cut-and-try, so for now I just don't use this otherwise fine receiver very much.

Let me know if you have additional specific questions, and I can contribute my $0.02.

Later,

=Randy=
Randy Zelick
Dept. Biology
Portland State University
P.O. Box 751
Portland, OR 97207
503-725-3086 (voice), 503-725-3864 (fax)

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996

From: "Integration Area" <integrat@usr.com>
Subject: Re: RAOs
Message-ID: <9601128241.AA824146108@robogate.usr.com>

I have a manual for one of the RAOs (I think a -7). I can make copies of relevant pages for you or any other interested parties.

All RAOs are not the same, at least mechanically. I think there were three types - The common "flip lid" type (-3 and others, similar to the RBH and RBL case), the sliding case type (-7 and perhaps others, like other Navy sets with a front panel and chassis that slides out of the cabinet), and possibly a rackmount version (the original. I have never seen one, but I have heard of them. Can anyone give me some help on this?).

There very well could be changes electrically. The RBH, a very close relative to the RAO, changed tube line ups between the straight and the -1. I believe one of RAO series was also modified for ECM duty.

The Navy loved to play around with the tube line ups in all kinds of sets. Often the only thing that stayed the same was the basic electrical specifcations.

William Donzelli
integrat@usr.com

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: Norm Flasch <flasch@cushy.eecs.nwu.edu>
Subject: Re: Rare cmd sets.
Message-ID: <199602121526.JAA29854@cushy.eecs.nwu.edu>

I recall seing one broadcast band arc5 receiver at the Starved Rock hamfest a couple of years ago. It was aluminum and in poor condition. The price tag was $60.00!
--
Norm Flasch flasch@eecs.nwu.edu Northwestern University
 Electrical Engineering and Computer Science

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: robert fowle <hammarlund@voyager.net>
Subject: RE: Rockwell/Collins
Message-ID: <199602120526.AAA07120@vixa.voyager.net>

lots of luck, oh, they'll sell ya copies....$100 min. order...she never did tell me the per copie cost

and i was too shocked too ask..
==========]-[->
Robert Fowle
The HAMMARLUND Historian
Ph. voice or fax 517-789-6721
1215 Winifred
Jackson, Mich. 49202-1946
E-mail at: hammarlund@voyager.net
HAMMARLUND LITERETURE WANTED
==========]-[->

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: Sandra L Knepper <slkst29++@pitt.edu>
Subject: Re: Rockwell/Collins

Their correct name is Rockwell Internationl Corporation; however, they still have the Rockwell-Collins Avionics and Communications Division.

If you need to speak to somone who is most helpful and very cooperative then that person would be Donald L. Simpson, Marketing Manager, Special Communications Products at his
E-mail address: disimpso@cacd.rockwell.com.

The phone number is toll free to Don: 1-800-321-2223 extension 5783. Please use this number sparingly; however.

Do you know that Rockwell International has a Homepage:

http://www.rockwell.com/rockwell/overview/comphist.html

As far as library services, ask Don about this. I do know that one of our subscribers in Europe was able to secure a manual very inexpensively.

Any other assistance, as it relates to Collins, please drop me a post. I will do my best to accommodate you or will put you in touch with someone who can.

Dave, W3BJZ
Publisher of the monthly Collins Journal

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: Sandra L Knepper <slkst29+@pitt.edu>
Subject: Re: Rockwell/Collins (fwd)
Message-ID: <Pine.3.89.9602120707.A398-0100000@unixs3.cis.pitt.edu>

---------- Forwarded message ----------
From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: hinec@ccgate.dl.nec.com (Cory Hine)
Subject: SELL BC-221
Message-ID: <9601128241.AA824139638@smtpgw.ccgate.dl.nec.com>

I have a BC-221, working, with built in Power Supply. Last time I used it, it was dead on freq! Free shipping within Conus.....$80.00

Cory HineN2AQS/AFA4TZ
1000 E. 14th ST.
Bldg 178
Plano, TX 75074-6249
214-751-7535

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: Super-Pro Anomaly
Message-ID: <199602121827.MAA06793@dlep1.itg.ti.com>

Greetings,

In cleaning up an SP-210 front panel I noticed that an engraved symbol was missing. Not that the symbol had been deliberately omitted or worn down, mind you, simply never engraved in the metal to begin with. Around the Sensitivity (RF Gain) control, at the full clockwise position, what's supposed to be a "10" is simply engraved as " 0". The "0" is offset from center properly, leaving space for the "1", but there's simply a blank where the "1" should be.

Are there other Super-Pro's out there with this particular anomaly? Or similar anomalies? Does anyone know how common such things were during the time period? As for the manufacturing process, would it have been done with something like a numerically controlled milling machine?

BTW, this front panel is unpainted aluminum with black lettering and the back of the front panel is stamped with a number ending with -42 indicating 1942 manufacture, I suppose. The serial number stamped in the chassis is eight thousand something. Also, this panel has another oddity; brass windows for the dials.

Regards,
Bill Sorsby, N5BU

bill.sorsby@dlep1.itg.ti.com
Views expressed herein are no one's fault but mine.

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: buska@aaic.advantest.com (d.buska@advantest.com)
Subject: SX111 Slide Rule Dial Glass WTB
Message-ID: <96021121383208@aaic.advantest.com>

I am relaying this message for another ham:

Wanted: Sliderule Dial Glass for a Hallicrafter SX111. It appears his has
 cracked and the frequency markings are printed on the glass. If you
 have a parts unit please contact him. I guess the radio is in perfect
 shape except for the dial glass.

Contact: Keith N9ZWL (Rachine WI)
 (414)681-2927

Thanks es 73
Don N9OO

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: jmartin@hrlban1.aircrew.asu.edu
Subject: Tube filaments
Message-ID: <SA39+86q5la@hrlban10.alhra.af.mil>

Duby Todd wrote:
> I've seen many 5u4'x, etc with flakes of stuff slopping around inside, which
>I take to be flakes of thorium from the filaments.
==========
5U4s, 5Y3s, etc., use oxide coated filaments (running red hot), not thoriated
filaments (which run brilliant yellow hot). If I recall correctly, a 5U4 passes
somewhere around 500 ma or more; I doubt that a thoriated tungsten filament
of reasonable size (read: power required to heat it) would have nearly
enough emission to meet the current specs of a 5U4. Having said that, I
once saw an old thoriated tungsten filament full wave rectifier, in a globe
shaped envelope the same size as an early stype 80, at an antique radio
swap meet. All the tube enthusiasts were looking at it, and the best we could

figure out was that it must have been in some sort of a bias supply. I wish I had bought it.
73, John Martin
 jmartin@hrlban1.aircrew.asu.edu

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: Duncan Cadd <dcadd@luc.ac.be>
Subject: Re: Unusual R-391/URR Receiver
Message-ID: <9602121229.AA13199@alpha.luc.ac.be>

Greetings, Anchorites, from a pouring wet Diepenbeek in N.E. Belgium!

> > If I remember correctly, the FLR-7 is the nomenclature for the
> >huge elephant cage HF direction finders
<snip>
> >These are the big circular concentric rings
> > Dave Emery

> the antenna you mention, and even has a picture of it at a monitoring
> post in England.
<snip>
> Signals Intelligence Officer and describes his tours of duty at
> RAF Chicksands in England.
> Dennis Gibbs

Ahhh - memories. I remember my parents and I going fairly close to this place when I was around 12 (ca. 1970) and snapping photos of it!!! They've probably long disappeared. We always did wonder what it was, and I didn't know until a member of the Northampton Radio Club told me a few years ago. At that point he said they were going to decommission it and pull it down. No idea if it's still there, or if the receivers used with it were/are being disposed of 8-) - be a nice mil surplus find or two if so!
73,

Duncan ON9CHU / G0UTY G-QRP 8117 dcadd@luc.ac.be

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: Michael Crestohl <mc@shore.net>
Subject: WANTED: NAVSHIPS manual number for R-390/390-A
Message-ID: <199602121614.LAA20274@northshore.shore.net>

Hello All:

A while back I requested this information from this forum - I was given NAVSHIPS 0967-063-2010 dated 15 April 1970 for the R-390A. I

called the numberin Phila to find out price & availability and was told
this is not a "good number".

Does anyone have the NAVSHIPS number for either the R-390-A or the R-390
(preferably both numbers)? I have heard that it is quite different from the
army TM11.

Cordially,

Michael Crestohl, KH6KD
mc@shore.net

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: KC5IJD@aol.com
Subject: Re: WANTED: NAVSHIPS manual number for R-390/390-A
Message-ID: <960212122144_420610419@mail04.mail.aol.com>

>A while back I requested this information from this forum - I was
>given NAVSHIPS 0967-063-2010 dated 15 April 1970 for the R-390A. I
>called the numberin Phila to find out price & availability and was told
>this is not a "good number".

Well, its the number on my Navships manual for the R-390A.

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@aol.com

From boatanchors@theporch.com Mon Feb 12 13:47:02 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Re: WANTED: NAVSHIPS manual number for R-390/390-A
Message-ID: <49928.ddillman@igc.apc.org>

On Mon, 12 Feb 1996 10:15:00 -0600 (CST),
Michael Crestohl <mc@shore.net> wrote:

>A while back I requested this information from this forum - I was
>given NAVSHIPS 0967-063-2010 dated 15 April 1970 for the R-390A. I
>called the numberin Phila to find out price & availability and was told
>this is not a "good number".

Greetings, Michael. Perhaps it was me who provided that NAVSHIPS number? In any case, after seeing your message I pulled out my (repro) R-390A manual ("Technical Manual, Operation, Maintenance and Installation Instructions with Parts List, Radio Receiver R-390A/URR") to see if I made an error. But no, right there at the top is sez NAVSHIPS 0967-063-2010, dated 15 April 1970.

On the title page, it says "This manual supersedes NAVSHIPS 93053 Vols I, II, III and NAVSHIPS 93053.42A" in case that is any help.

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.